STATEWIDE MERCURY WORKGROUP

Presents
David Krabbenhoft, USGS
Mercury Cycling in Aquatic Ecosystems

May 12, 2009
DEQ Building 2, Room 101
168 North 1950 West SLC, UT
9:00 – 11:30 AM

Dr. David Krabbenhoft began working on environmental mercury cycling, transformations, and fluxes in aquatic ecosystems with the Mercury in Temperate Lakes project in 1988; since then, the topic has consumed his professional life. In 1994, Dave established the USGS's Mercury Research Laboratory, which includes a team of multi-disciplinary mercury investigators and a state-of-the-art analytical facility strictly dedicated to low-level speciation analysis of mercury. In 1995 he initiated the multi-agency Aquatic Cycling of Mercury in the Everglades (ACME) project, which is still ongoing. More recently, Dave has been a Primary Investigator on the internationally conducted Mercury Experiment To Assess Atmospheric Loadings in Canada and the US (METAALICUS) project, which is a novel effort to examine the ecosystem-level response to loading an entire watershed with mercury. Currently, Dave's research team is active on projects from Alaska to Florida, and from California to New England. In recent years, the Mercury Research Team entered into the realm of atmospheric research by constructing and deploying the USGS Mobile Atmospheric Mercury Lab, which has the capability for rapid deployment and advanced study of mercury in the atmosphere. Since 1990, he has authored or coauthored over 100 papers on mercury in the environment. In August 2006, Dave served as the Co-Chair for the 8th International Conference on Mercury as a Global Pollutant.